

217/782-2113

LIFETIME OPERATING PERMIT -- REVISED

PERMITTEE

Superior Coating Corporation
Attn: Mr. Lee Bozeman
6860 Indy Drive
Belvidere, Illinois 61008

<u>Application No.:</u> 96020034	<u>I.D. No.:</u> 007005ABS
<u>Applicant's Designation:</u>	<u>Date Received:</u> November 1, 2004
<u>Subject:</u> Powder Coating Operation	
<u>Date Issued:</u> November 8, 2004	<u>Expiration Date:</u> See Condition 1.
<u>Location:</u> 6860 Indy Drive, Belvidere, Illinois, 61008	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

3 Powder Coating Booths with 2 Cyclones and 3 Filters
2 Natural Gas-Fired Washers
2 Natural Gas-Fired Dry Off Ovens
4 Natural Gas-Fired Curing Ovens
2 Natural Gas-Fired Burn Off Ovens

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
- 2a. Emissions and operation of the washers and ovens shall not exceed the following limits:

Natural Gas Usage	
(mmscf/Mo)	(mmscf/Yr) *
15	145

* 1 mmscf = 10,200 therms

<u>Pollutant</u>	<u>Emission Factor</u> (Lb/mmscf)	<u>Emissions</u>	
		(T/Mo)	(T/Yr)
Nitrogen Oxides (NO _x)	100	0.8	7.3
Carbon Monoxide (CO)	84	0.7	6.1
Particulate Matter (PM)	7.6	0.1	0.6
Volatile Organic Material (VOM)	5.5	0.1	0.4
	Totals:	1.7	14.4

These limits are based on the maximum combined firing rate (16.865 mmBtu/hour), maximum operating hours (8,760 hour/year), and standard AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. This permit is issued based on negligible emissions of particulate matter from the 3 powder coating booths. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
 - c. This permit is issued based on the potential to emit (PTE) for hazardous air pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act being less than 10 tons/year of any single HAP or 25 tons/year of any combination of such HAPs, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program (CAAPP) permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering Section 112(g) of the Clean Air Act.
3. The Permittee shall maintain monthly records of the following items:
- a. Natural gas usage (mmscf/month and mmscf/year).
- 4a. Material insulated with polyvinyl chloride or asbestos, or scrap containing the fuming metals tin, zinc, or lead shall not be charged to the burn off ovens.
- b. The afterburners shall be heated to an operating temperature of 1400°F before charging and this temperature shall be maintained during operation.
 - c. The burn off oven shall be equipped with afterburner temperature indicators.
5. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a

description of the exceedance or violation and efforts to reduce emissions and future occurrences.

7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

8. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:
 - a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - b. A modification;
 - c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or
 - d. A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.

It should be noted that this permit has been revised to incorporated operation of two burn off ovens inadvertently omitted in the original application.

If you have any questions on this permit, please contact Jim Kallmeyer at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JDK:jar

cc: Region 2